

ABSTRACT

An object is to provide a small-diameter speaker capable of reproducing low frequency sounds without distortion and sounds faithful to input signals.

A speaker 30 included in a speaker unit 20 has a conical diaphragm 42. An end of a circular cylindrical wall member 54 is secured to the large-diameter end of the diaphragm 42. The inner surface of the wall member 54 is arranged parallel to a direction in which the diaphragm 42 vibrates. Audio signals inputted to a voice coil 52 cause the diaphragm 42 and the wall member 54 to vibrate in a direction substantially orthogonal to a surface 22a of a cabinet 22. This causes air in front of the diaphragm 42 to be compressed and then released. A shock that occurs when the compressed air is released propagates and is perceived as sound. The wall member 54 prevents leakage of the compressed air from the front to the side of the diaphragm 42.